Katahdin Iron Works Mosses
coll. Nov 1895 by Elmer D Merrill.

3 Andreaea petrophila Ehrh
4 Sphagnum acutifolium (Ehrh) R&W
" " purpureum Warnst
" " rubrum "
19 Dicranum Bonjeani De Not
" longifolium Ehrh
" undulatum "
39 Fissidens adiantoides (L) Hedw
88 Grimmia apocarpa gracilis (Schl) Corb
160 Mnium silvaticum Linn
169 Georgia pellucida (L) Hedw
172 Webera nexilis (Schw) Lindb
178 Catharinea undulata (L) Web
180 Pogonatum alpinum (L) Roehl.
184 Tortula subpapillosa gigantea Sull
265 Leskea nervosa (Schwag) Myrin
" polycarpa Ehrh
267 Anomodon apiculatus B&S
" attenuatus Hueben.
274 Thuidium delicatulum (L) Mitt
" recognitum (Hedw) Lindb
" scitum aestivale Aust
299 Brachythecium campestre B&S
" Novae Angliae (B&S) J&S
" oxycladon (Brid) J&S
" populeum (Hedw) B&S
" salebrosum (Hoffm) B&S
303 Eurhynchium strigosum (Hoffm) B&S
305 Rhynchostegium riparioides (Hedw) B&S

307. Raphidostegium recurvans (Mx) J & S
314 Plagiothecium denticulatum (L) B & S
" " turfaceum Lindb
319. Amblystegium irriguum & pinifolium Schimp
322 Hypnum Haldanianum Grev
322.10 " Cristacastrensis L
" 11 " ochraceum Turn
323.3 Hyloconium umbratum (Ehrh) B & S
all the above from Chairback Mt near Katahdin Iron Works.

The foll. from wet soil ½ mile fr Iron Works & the only species seen at the locality.

18 Dicranella cerviculata Schimp
53 Ditrichum vaginans (Sull) Hampe
156 Bryum caespiticium L
180 Pogonatum tenue (Menzies) E. G. B.

copied by G G K
21 Dec 99.

	NE	Me	NH	Vt	Ms	RI	Ct
3. Andreaea petrophila Ehrh	−	−	+		+		
Rothii Web + Mohr (A. rupestris L + f. Maw)			−		−		
crassinervia Br	−	−	−				
rupestris Turn					+		

Sphagnum	NE	Me	NH	VtMs	RICt
macrophyllum Berub					–
Lindbergii Schpr			–		
v. macrophyllum Warnst			+		
riparium Aongstr			–		
" v. platyphyllum Russ			+		
recurvum (Beauv) Russ & Warnet	–	–	–	–	–
v. pulchrum Lindb		+	–		
v. mucronatum Russ		–		+	+
v. amblyphyllum Russ		–	+	+	+
v. parviflorum (Sendt.) Warnet		–	+		
cuspidatum Ehrh				+ –	–
v. Torreyanum (Sull)				+	
v. Migueloense R. & Card		–		+	
v. falcatum Russ		+		–	– +
v. submersum Schpr		+		–	+
v. plumosum N + H				–	– +
v. plumulosum Schpr		–			
v. recurvum Beauv				–	

4. Sphagnum

	NE	Me	NH	Vt	Ms	RI	Ct
fimbriatum Wils		−	−				
v. tenue Graet			−		+		+
Girgensohnii Russ (strictum)		−	−		−		
v. corymbaeum Russ			+		−		
v. hydrophilum Russ		−					
v. molle Russ			+				
v. sphaerocephalus Warnst		−					
v. stachyodes Russ		−	+				
v. teretiuscula Warnst		−					
v. commune Russ			+				
v. cristatum Russ			+				
Russowii Warnst		−	−	−			
v. carneum Russ		−	+	+			
v. Girgensohnioides Russ			−	−			
v. obscurum Russ			−				
v. poecilum Russ		−	+	−			
v. rhodochroum Russ		−	−	+			
fuscum (Schpr) Wm Kling						−	
v. fuscescens Warnst		−	+				
v. fusco-viride (Russ) Warnst			+		−		
v. pallescens Russ							+

Sphagnum	NEMe	NH	VtMs	RICt
tenellum (Schpr) Wm Kling	− −		−	
v. rubellum (Wils) Russ	−		−	+
v. versicolor Warnst	−		−	+
v. viride Warnst			−	
v. pallescens Warnst		−	−	
v. violascens Warnst	−			
Warnstorfii Russ		−	− −	
v. purpurascens Russ	−	+	− −	
v. versicolor Russ		−	+ −	
v. viride Russ			− −	
v. violascens Warnst	−			
v. virescens Russ		+	+	
quinquefarium (Braith) Warnst				
v. roseum (Jur) Warnst		+		
v. viride Warnst		+	−	
v. versicolor (Braith) Warnst		+		
teneverum (Arnell) Warnst				+

Sphagnum	NE	Me	NH	Vt	Ms	RI	Ct
acutifolium (Ehrh. ex parte) Russ. & Warnst.		—	—		—	—	—
v. purpurascens Warnst.			—		—		
v. versicolor Warnst.		—	+	—	—		+
v. flavo-rubellum Warnst.			+				
v. viride Warnst.		—			—		+
v. pallescens Warnst.		—	—		—		
v. rubrum Warnst.		—	+				+
v. purpureum Schpr.					—	—	
~~intermedium~~					—		
v. roseum Warnst.			+				+
subnitens Russ. & Warnst.		—	—		—		—
v. flavicomans Card.		+					+
v. viride Warnst.					—		
v. obscurum Warnst.		—			+		+
v. pallescens Warnst.		+					
v. violascens Warnst.		—					
v. robusta Canton E 7					—		
subsquarrosum Dubam E 7					—		
molle Sull.		—					
v. tenerum (S. & L.) Braith.							—

Sphagnum	NE	Me	NH	Vt	Ms	RI	Ct
dasyphyllum Warnst						–	
molluscum Br. (tenellum Klerk)		–					
v. robustum Warnst		+					
Mendocinum S. & L. (Duseniii R&W)		–	–		–		
Duseniii (R&W)			+				
Duseniii R&W. v. parvifolium Warnst		–	+				
squarrosum Pers		–	+	+	–	–	–
v. spectabile Russ		–	+	–	–		
v. semisquarrosum Russ		–	–				
teres Angstr		–	–		–		
v. imbricatum Warnst		–	–		+		
v. subsquarrosum Warnst			+		–		
v. squarrosulum Lesq			+				
Wulfianum Girgen			–				
v. versicolor Warnst			+	–			
v. viride Warnst		–	+		–		

Sphagnum	NE	Me	NH	VtMs	RICt
compactum DC (Garberi L.+J.)		—			—
(strictum Sull.; humile + rigidum Schp.)					
v. squarrosum Russ		+		—	
v. imbricatum Warnst		—			
v. subsquarrosum Warnst		+			
Garberi ~~squarrosulum Warnst~~ L+J		+			
subsquarrosum Warnst		—			
Pylaii Brid Pylaesii			—		
v. ramosum Warnst		+	—		
v. sedoides (Brid.) Lindb			—		
cyclophyllum S+L				—	
platyphyllum (Sull. Lindb.) Warnst				—	
v. laxifolium, Warnst.				+	
contortum Schultz (laricinum Schp.)			+	—	+
subsecundum Nees		—	—	—	
v. viride Bore				—	
v. macrophyllum Roell		—	+		+
v. mesophyllum Warnst		—	+		+ +
v. microphyllum Roell		—	+		

	NE	Me	NH	Vt	Ms	RI	Ct
Sphagnum cymbifolium Ehrh.							
v. glaucescens Warnst			+	+		+	
v. pallescens Warnst						+	

Sphagnum	NK	Ie	NH	VtMs	RICt
rufescens N+H (contortum Nees)		—	+	\	— +
obesum Wils			—	—	\
imbricatum (Hsch) Russ (Austinii S)				—	
v. cristatum Warnst		—			
v. sublaeve Warnst		—	+		
v. affine (R+C) Warnst		—	+	—	+
cymbifolium Ehrh see also other sheet.		—	—	—	— —
v. laeve Warnst				—	
v. sublaeve Limpr					
v. papillosum (Lindb) Schpr			—	—	
~~S. papillosum v. normale Warnst~~ — Palus		—			
medium v. versicolor					+
medium v. roseum Röll					+
medium Limpr		—		—	
v. laeve Warnst		—	—	—	—
v. pallescens Warnst					
v. purpurascens Warnst		—			+
v. glaucescens Warnst			+		
plicatum Warnst (subs. rigid.)				—	
papillosum Lindb.					
v. inundatum (Russ) Warnst			+		
v. normale Warnst.			+		

	UE	le	NH	VtMs	RICt
5. Astro...					
Sullivantii Sch				—	—
7. Gymnost...					
rupestre Schleich [Schwaegr]				+ —	
curvirostrum (Ehrh) Hedw				+ —	—
calcareum [illegible]			+		
10. 2. Ulota.					
crispula (L) Hedw				+	
v. gymnostomoides CM	—			—	—
10. 3. Pohlia					
fugax (Hedw) B.S.	—		+		
denticulata (Brid) B.S.	—		+ —		
10. 11. Dicranoweisia					
crispula (Hedw.) Lindb					—

	NE	Ie	NH	VtNs	RICt
11. Cynodontium					
gracilescens (Web. + Mohr) Schpr	—		+		—
v. inflexum Schpr					
polycarpum (Ehrh.) Schpr		—	—	—	
virens (Scop) Schpr				+ —	
v. Wahlenbergii (Brid) Schpr		—	—	+ —	
v. compactum					
12. Dicranodontium					
pellucidum (L.) Schpr				—	
v. Americanum Lesq				—	
v. faginorum (Brid) Schpr				—	
13. Trematodon					
ambiguus (Hedw) Hsch	—	+	+	+	+
longicollis Mx	—				

18. Dicranella

	NE	Me	NH	VtMs	RICt
Schreberi (Swz) Schpr	—		—		
squarrosa (Starke) Schpr		—	+		
cerviculata (Hedw) Schpr			—	—	—
varia (Hedw) Schpr				—	— —
rufescens (Dicks) Schpr				—	—
subulata (Hedw) Schpr	—		1		—
heteromalla (L.) Schpr		—	—	— +	— —
v. orthocarpa (Hedw) Par				—	
cu. vala (Hedw) Schpr			—		

19. Dicranum	NE	Ie	NH	Vt	Ms	RI	Ct
fulvellum (Dicks.) Smith	–		+				
Starkei Web. & Mohr	–		–			–	
falcatum Hedw.		+	–				
Blyttii B.S. (D. Schisti (Gmel.) Lindb.)	–	–	–				
strictum Schleich.				–	–		
montanum Hedw.	–	–	+	+	+		
viride (S. & L.) Lindb.	–			–	–		
flagellare Hedw.	–	–	+	+	+	–	–
fulvum Hook. (D. interruptum B.S.)	–	–		+	+		
longifolium Ehrh. (1786) Hedw. (1792)	–	+	+	+	+	–	–
v. plumosum Lesq.			–				
v. subalpinum Milde				+			
elongatum Schleich. (1806) Schwag. (1811)	–	+	+				
congestum Bridel		+	–	+	+		
fuscescens Turn.	–	+		+	–		
v. Eatonii R. & C.			–				
v. longirostre Schpr.		–					
v. robustum Schpr.			–				
scoparium (L.) Hedw.	–	–	–	+	+	–	–
v. squarrosum L. & J.		–					
v. paludosum B.S.		–					
v. pallidum (C.M.) L. & J.		–					
v. recurvatum (Schultz) Bd.		–					
v. rupestre S. & L.		–					
majus Sm. (1804): Turn. (1804)		+					
Neckera Reichii Bry. Eur.				+			+

	NE	Me	NH	Vt	Ms	RICt
19 Dicranum						
palustre (Brid) [D. + J. Man.] (includ. D. Bonjeani De Not)	−	−		+	−	
Bergeri Bland (D. Schraderi W + M)	+	−	+		−	− −
spurium Hedw		+	−	+	−	− −
v. compactum Hedw					−	
brachycaulon Kindb		−				
Drummondii C.M.	−				+	
undulatum Ehrh (1792) Voit (1812) [D. undulatum L. + J. Man.]	−	+	+	+	+	
		−	−	+	+	− −
palustre v. polycladum				+		
21 Dicranodontium						
longirostre (W + M) B + S						
23 Campylopus						
viridis S. L. = Dicranum viride Schpr						

	NE	Me	NH	Vt	Ms	RI	Ct
33 Leucobryum							
glaucum (L) Schpr (L. vulgare Hpe)		+	+		+	—	—
albidum (Brid) Lindb (L. minus Sull)		—			—		
39 Fissidens							
bryoides (L) Hedw					+		
v. caespitans Schpr			—				
incurvus (W+M) Schwaegr		+					
exiguus Sull					—	—	
minutulus Sull					—	—	—
osmundoides (Sw) Hedw	—			+	—		—
decipiens De Not.				+	—		
taxifolius (L) Hedw				+	—	—	
adiantoides (L) Hedw		—		+	—		
v. immarginatus Lindb						—	
subbasilaris Hedw					—	—	
40 Conomitrium							
Julianum (Savi) Mont						—	+

	NE	Me	NH	Vt	Ms	RI	Ct
42 Grodeia							
43 Hinge area Calcareous			+				
44 Camptylostrea sapicola (W+M) B.+S					+		
45 Brachystrea trichodes (W+M) Tuomey		—	+				
47 Thracia acuta (Hnds) B.+S			—				

	NE	Me	NH	Vt	Ms	RI	Ct
48 Tortella							
subulatum (Huds) Rabenh; B+S					+	—	
Ravenelii Aust	—	—				—	
alternifolium (Kaulf) Rabenh					+	—	—
50 Bruchia							
flexuosa (Schwaegr) C.M.					+	—	—
Sullivantii Aust					+	—	
v. nigricans L+J					—		
longicollis Eaton			—				
brevipes Hook							
53 Leptotrichum (Ditrichum)							
tortile (Schrad) Hpe		+	+		+	—	—
vaginans (Sull) Schpr	—		—		—	—	—
homomallum (Hedw) Hpe			—			—	
pallidum (Schreb) Hpe		—			+	—	—
glaucescens (Suz) Hpe			+	+	—		

	NE	Le	NH	VtMs	RICt
55 Trichodon					
cylindricus (Hedw) Schpr			—		
56 Ceratodon					
purpureus (L) Brid		+	+	+ +	— —
v. xristatus Aust					—
conicus (Hpe) Lindb		—			
purpureus v. xanthopus				+	
57 Dicranum					
capillaceum (Swz) B.+S	—		—	+	
inclinatum (Ehrh) B+S	—		—		
63 Sphaerangium					
muticum (Schreb) Schpr				—	—
rufescens L+J Man					—
triquetrum Schpr	—			—	—

	NE	Me	NH	VtMs	RICt
64 Phascum					
cuspidatum Schreb				—	— —
v. piliferum (Schrb) H + Taylf					
68 Pleuridium					
subsessile (Brid) Schpr					
71 Pottia					
cavifolia Ehrh					
truncatula (L) Lindb (P. truncata B+S)	—	+		+	+ +
~~Pottia intermedia Turn~~		~~×~~			
73 Didymodon					
cylindricus (Br.) B+S			—	+	
rubellus (Hoff) B+S				+	

	NE	Me	NH	Vt	Ms	RI	Ct
79 *Barbula*							
unguiculata (Huds) Hedw			+		+	–	–
fallax Hedw				+	–		
v. brevifolia (Sm) Schultz				–	–		
gracilis Schwaegr				–			
convoluta Hedw				+	–		
caespitosa (Schwaegr) B&S					+	–	–
tortuosa (L) W+M		–		+		–	–
mucronifolia (Schwaegr) B&S					–		
ruralis (L) Hedw					–		
papillosa (Wils) C.M.	–				+	–	
[illegible]							
85 *Encalypta*							
vulgaris Hedw	–			+			
ciliata (Hedw) Hoffm	–	+		+	–		
streptocarpa Hedw							–

88 Grimmia	NE	Me	NH	Vt	Ms	RI	Ct
conferta Funck	—	—	+	+	+		—
v. obtusifolia Schpr	—						
apocarpa (L) Hedw			+	+	+	+	—
v. gracilis (Schleicb) W+M		—	—	+		—	
v. rivularis (Brid) W+M			—			—	
v. alpicola (Swz) Hook			—				
maritima Turn		+			+		
pulvinata (L) Sm					—		
trichophylla Grev	—					—	
Olneyi Sull					—	—	—
Doniana Sm			+		—		
v. obtusa Sm			—				
Pennsylvanica Schw (G. pilifera P.B.)					—	—	
leucophaea Grev					—		
unicolor Hook		—	—				

	NE	Me	NH	Vt	Ms	RI	Ct
89 Rhacomitrium							
patens (Hedw) Hueb			–				
fasciculare (L) Brid		–	+		+		–
Sudeticum (Funck) B&S	–	+	+		+		
heterostichum (Hedw) Brid		–					
fasciculare (Schrad) Brid		+	+		–		
microcarpum Brid		–	+				
lanuginosum (Hedw) Brid		+	–				
canescens (Timm) Brid	–		+			–	
ellipticum B&S					–		
90 Hedwigia							
ciliata (Dicks) Ehrh		–	–	+	–	–	–
v. viridis B&S.		–		+			
v leucophaea Schimp				+			
V [illegible] B&S				+			
95 Coscinodon							
pulvinatus Spreng					–	–	
97 Ptychomitrium							
incurvum (Schwaeg) Sull.					–		–

	MEIe	NH	VtMs	RICt
98 Amphoridium				
Lapponicum (Hedw) Schpr	—	+		
Mougeotii (Br) Schpr	—	+		
99 Zygodon				
conoideus (Dicks) H+T.				
101 Drummondia				
clavellata Hook		—	+	— —
106 Ulota				
Drummondii (H+G.) Brid ?			—	
Ludwigii Brid	+	—	+ —	—
Bruchii Hech		—		
crispa (Hedw) Brid	+	—	+ —	—
crispula Bruch in Brid	+	—	+ —	— —
phyllantha Brid	+			
Hutchinsiae (Sm) Hammer (1972)	—	—	+ +	— —

107 Orthotrichum	NE	Me	NH	Vt	Ms	RI	Ct
anomalum Hedw	—				—	—	
cupulatum Hoffm						—	
v. minus Sull (O. Lescuri Aust)					—		—
Strumii Hsch	—		—				
affine Schrad ?					—		
speciosum Nees			—	+	—		
crudum S. & L	—	+	—		—	—	—
stellatum Brid = O. stra					—		
Ohioense Sull				+	/ —	—	—
v. citrinum L. & J.							—
Canadense B & S					—		
fallax Schpr {O. Schimperi Hammar / O. pumilum Dicks}		—			—		
strangulatum P. B.			—	+	—	—	—
psilocarpum James					—		
leiocarpum B & S					—		
pallens Br not							
Rogeri Brid = leiocarpum					—		
obtusifolium Schrad.					—	—	
pumilum Sw (Dy =					—		

/ Reported by Kindberg

	NE	Me	NH	Vt	Ms	RI	Ct
108 Schistostega							
osmundacea (Dicks) Mohr			−	+			
115 Taylonia							
tenuis (Dicks) Schpr.				+			
116 Tetraplodon							
angustatus . Suzi B+S	−		+				
mnioides (Suzi) B+S			+	+	−		
(T. bryoides (Dicks) Lindb.							
australis S+L					−		
117 Splachnum							
ampullaceum L	−	+	−		+		
rubrum L		−					
luteum L		−					

	NE	Me	NH	VtMs	RICt
119 Ephemerum					
serratum (Schreb) Hpe					—
v. angustifolium Bry. Eur				+	
crassinervium (Schwaegr) C M [L + J Maw]	—			—	—
spinulosum Schpr					—
cohaerens (Hedw) Hpe (L & J. Maw)					—
119a Physcomitrella					
patens (Hedw) B & S				—	
122 Aphanorhegma					
serrata Sull (Physcomitrium - C M)				—	—
124 Physcomitrium					
pyriforme (L) Brid				—	— —
turbinatum (Rich) C M				+	

	NE	Ie	NH	Vt	Ms	RI	Ct
127 Funaria							
flavicans Rich in MxFlo					—		
hygrometrica (L) Libth		—	—	+		—	—
v. calvescens B+S						—	
131 Meesia							
uliginosa Hedw			—				
v. alpina BS			—				
v. minor BS			—				
longiseta Hedw	—				—		
tristicha (Funck) BS				—			—
138 Bartramia							
ithyphylla Brid	—		—				
Oederi (Gunn) Suz	—			+	—	—	—
∫ mniformis (L) Hedw		—	+		+	—	—
v. crispa Br. im.		—	—				

	NE	Ie	IH	VtIs	RICt
140 Cavitomnium					
borcale Swartz		+	+		
141 Philonotis					
Muhlenbergii (Schwaegr.) Brid		—		—	— —
fontana (L.) Brid		+	+	+ +	— —
calcarea Schpr			—		
144 Meesiaceae					
Meesia longiseta		+	+		
151 Leptodictyum					
riparium (L.) Warnst		—		+ +	— —

	NE	Me	NH	VtMs	RICt
153 Webera					
acuminata (Hedw) Schpr					
2 r. nigrita (Hedw) Schwaegr (L)		-	-	+ -	
v. [illegible]		+			
nutans (Schreb) Hedw		-	-	+	- -
r. bicolor (H+H) Schpr			-		
v. [illegible]				+	
[illegible] (Schwaegr) Schpr	-				
cruda (L) Schwaegr.	-		-	+ -	
sphagnicola (BS) Schpr					
annotina (L) Schwaegr	-			-	-
Lescureana (Sull) L+J			-		
albicans (Wahlenb) Schpr			-	+ -	- -
155 Pogonatum					
P. pulchellum Sull				+	

156 Bryum

	NE	MeNH	VtMs	RICt
pendulum (Hoch) Schpr				—
inclinatum (Sw) Bland				
calophyllum R. Br.		—		
uliginosum (Br) BS				
intermedium Brid		—	+	—
bimum Schreb		— —	+ —	—
atropurpureum W&M				—
alpinum Huds-L	—	+		
Muhlenbeckii BS		—		
argenteum L		+	+ +	— —
v. lanatum BS		+	+	
caespiticium L		—	+ +	—
capillare L		—	—	—
v. flaccidum		—		
Elegans Nees (B. capill v. cochlearifolium BS)		—		
pallens Swz		—		
Duvalii Voit	—	—	+	
pseudo-triquetrum (Hedw) Schwaeg (B. ventricosum Dicks)		—	+	— —
turbinatum (Hedw) Schwaegr		+	—	
Ontariense Kindb (B. roseum L+J. part)		—	+	— —
Conservatives Spec.				
pallescens		+		

160 Mnium

	NE	Me	MH	VtMs	RICt
cuspidatum Hedw (M. sylvaticum Lindb)	—	+	—	+	— —
medium BS			—	+ —	
Drummondii BS			—	—	
rostratum (Schrad) Schwaegr	—	—	+	—	—
affine Bland (M. cuspidatum (L) Necke		—	+	+ —	—
hornum L	—	—	—	— —	— —
serratum Schrad				+ —	
" v. Macounii				+	
orthorhynchum BS					—
lycopodioides (Hook) Schw [= next]			—		
pseudo-lycopodioides C M + Kindb			—		
spinulosum BS	—		—	—	
stellare Reich			—	— —	—
cinclidioides Blytt	—	—	—	—	— —
punctatum Hedw		+	+	+ +	— —
inclinatum Lindb		+			
pseudo-punctatum BS = [illegible]		+			
hymenophylloides Kaalt				+	
affine Bland var ciliatum (Grev) Ell		—	—	— —	—
" var rugicum BS			—	— —	
punctatum Haselatum BS		—	—	— +	

	NE	Me	NH	Vt	Ms	RI	Ct
167 Aulacomnium							
androgynum (L) Schwaeg					—		
palustre (L) Schwaegr		+	+	+	+	–	+
v. polycephalum (Brid) Hueb		–			+		
v. ripestre Aust M.S					–		
turgidum (Wahl) Schwaegr	–		+				
heterostichum (Hedw) BS				+	+	–	+
Palustre ? subbreakum		+					
168 Timmia							
megapolitina Hedw					–		–
169 Tetraphis							
pellucida (L) Hedw		+	–	+	+	–	–
geniculata Turpin					+		
170 Dicranum							
repandum Schw			–				
Brownianum var rigidum		+					
171 Buxbaumia							
aphylla L			+	–	+	+	–
indusiata Brid			–				

	HEHe	Nh	Vt	Ks	RICt
177. Dicranoweisia					
crispula (Hedw) Milde	+	+	+	+	– –
178 Atrichum					
undulatum (L) Beauv.	–	+	+	+	– –
angustatum (Brid) BS	+	+	+	+	– –
crispum (James) Sull					
180 Pogonatum					
brevicaule P.B	+	+	+	+	+ –
(P. tenue (Menz) Brid)					
capillare Brid	–	+			
urnigerum (L) Beauv	+	+	+	–	
alpinum (L) Roehl	–	+	+	+	
v. arcticum Brid					
v. septentrionale Brid					
v. brevifolium Brid					
v. simplex Schp					
aloides (Hedw) Beauv			–		

181 Polytrichum	NE	MeNH	VtMs	RICt
gracile Dicks		−	+ −	
formosum Hedw.		−	−	− −
Lindbergii H.f.C.	−	−	+ + +	
piliferum Schreb		−	+ + +	− −
juniperinum Willd		+	+ + +	−
v. spectre DS	−		−	
v. apicinum (Sm) Schpr (P. apinumm)		−	+	
strictum Banks		+	+ +	−
commune L		+	− + +	− −
v. perigonale (Mx) BS		−	+	− −
gracile v. attenuatum			+	

	IE	Me	NH	Vt	Ms	RI	Ct
181 Pontmoulia							
antipyretica L.	—		—	—	—		
v. gracilescens Sull	—	—	—		—	—	—
Dalecarlica BS	—	—	+	+	—	—	
biformis Sull				—	—		
Novae-Angliae Sull	—	—		+	—	—	
v. latoni (Sull. cat.			—	—			
Lescurii Sull	—	—	—	+	+	—	—
v. ramosior Sull					—		
(= Sullivantii L. & J. Man. 271)							
Sullivantii Lindb.		+		+		—	
(= Lescurii v. gracilescens Sull.)							
aquatica L.	—					—	
disticha H. f. & W.			—		—		+
flaccida R. & C.			—				
183 Brachydontium							
subulatum Schpr. (Dichelyma —)							

	NE	Me	NH	VtMs	RICt
186 Dicheliyma					
falcatum (Hedw) Myr	−		+	−	−
capillaceum (Dicks) BS	−	−	+	+	−	−	−
pallescens Br Eur	−	+		−	
(D. nivae-Brunnvicianum obtusulum Kindb)					
194 Campylium					
sinuosum DS					−
196 Leptodon					
Smithsonitrion = 197					+
197 Forstroemia					
trichomitria (Hedw) Lindb				−	−
(Leptodon ")					

	NE	Me	NH	Vt	Ms	RI	Ct
202 Leucodon							
sciuroides (L) Schwaegr		+	+	+	−		
julaceus (L) Sull					+	−	−
brachypus Brid			−		−	−	−
224 Pilotrichella							
pennata (Huds) Haw		+	+	+	+	−	−
oligocarpa Bry Eur			−	+			
complanata (L) Huds	−		−		−	−	
227 Hamalia							
trichomanoides (Schreb) P. Beauv	−		−			−	
Jamesii Schpr			+	+			
[illegible]				+			
231 Thamnium = Pomatodon							
Alleghaniense (Hyp--CM)					+	−	−
alopecurum (Hyp--L)					−		

× [illegible]

	NE	Me	NH	Vt	Ms	RI	Ct
253 Amaurorhytis							
cylindricoides (Fuchl) Brid		+	+	+	—		
254 Argyrella							
pilacea (Vill) Brid	—	—					
Careyana Sull.	—			±	—		
255 Zeckea							
polycarpa Ehrh		+	+		—		—
obscura Hedw				+	—		—
nervosa (Schwaegr) Myr	—		—				
tristis		—		+	—	—	—
256 Thelia							
hirtella Sull.			—	+	—		—
asprella Sull.			+	+	—		—
Lescurii Sull.				+	—		+

	NE	Me	NH	Vt	Ms	RI	Ct
267 Anomodon							
rostratus (Hedw) Schpr				+		–	–
attenuatus (Schreb) Hueb				+		–	
obtusifolius BS				+	–		–
apiculatus Bry Eur				+	–		
viticulosus (L) H+T			–		–		
268 Pterigynandrum							
filiforme Hedw	–			+	–	–	
269 Pseudoleskea							
incurvata BS (Hypn radicosum Mitt)					–		
270 Heterocladium (Hyp)							
dimorphum (Brid) Bry Eur	–		+		–		

274. Thuidium

	JE	Le	IH	VtKs	RICt
minutulum (Hedw) B.S.			—	+	— —
scitum (Beauv) Aust			—	—	—
v. rectirale Aust			—	—	— —
recognitum (Hedw) Lindb (delicat. B.S)		—		+ +	— — ?
delicatulum (L) Mitt		—	—	—	— —
abietinum (L) B.S			—	—	—
virginianum (Brid) Lindb				—	
microphyllum (Sw) Best (T. gracile B.S.				—	
Blandowii (W+M) B.S				+ —	
palustre (Sull) Ran+Herv)	—			—	— —
tamariscinum Hedw				—	
Allenii Aust (= ? T. delicatulum)					—

273 Pylaisia

velutina Schpr		—	—	+	—	— —

273 Leptodon

Smithii (Brid) Mohr				—		

	NE	Me	NH	Vt	Ms	RI	Ct
(2) Spindrodes ...							
(Entodon)							
Cladoniagrae (Hedw) Schper			+	+	+	–	–
(Entodon – CM)							
seductrix (Hedw) Sull					+	–	–
(Entodon – C M)							
compressum (Hedw) BS						–	
(Entodon C M)							
287 Climacium							
dendroides (L) W+M	–	–	+			–	
Americanum Brid		–	+	+	+	–	–
v. Kindbergii R+C					–		–
289 Isothecium							
myurium (Poll) Brid					–		

	HEMe	NHVt	MsRICt
292 Pylaisia [illegible]			
polyantha Schper	— —	-	
subdenticulata Schper			
v. obscura L+J (P. Jamesii S+L)			—
vittricata (Hedw) Schper	—	—	— —
v. lutina Schper	—	—	— —
293 Homalothecium			
subcapillatum (Hedw) Sull		—	— —
295 Camptothecium			
nitens (Schrel) Schper			— —
lutescens (Huds) B.S.		—	

Brachythecium	NE	Me	NH	Vt	Ms	RI	Ct
salebrosum (Hoffm) B.S.		—	+	+			—
v. palustre Schpr			—				
flexicaule R+C							
acuminatum (Mitt) Sull (H. Mildeanum Sch)			+				
campestre (Br) Br Eur	—		+				—
oxyclados (Brid) J+Sauer							
laetum (Brid) BS		—		—		—	—
v. dentatum L+J				—	—		
pseudo-collinum Kindb							
rutabulum (L) BS		—		+		—	—
v. flavescens (Brid) BS				—			
rivulare (Br) BS	—		+				—
acuminatum (Hedw) Kindb.				+	—	—	
v. rupincolum (Hedw) S+L					—		
v. setosum (Hedw) S+L					—		
plumosum (Sw) BS		—	+		—	—	—
v. homomallum BS							
populeum (Hedw) BS	—			+	+		—
v. rufescens B.S							—
v. ovatum Grout				+			
rutabulum v. robustum Sch					+		

239 Brachythecium	NE	Me	NH	Vt	Ms	RI	Ct
digastrum C M + Kindb							
reflexum (Starke) BS	–		+	+	–		
Starkei (Brid) BS	–				–		
Novae-Angliae (S+L) Jaeg + Saur	–	–	+	+	–		–
relictinum (L) B. S	–	–		–	–	–	–
erythrorrhizon BS			–				
v. Thedenii (BS) Lindl (B Thedenii BS)			–				
trachypodium (Funck) BS (= ? relictinum Mem. Torr. Club 6:207)					–		

	NE	Me	NH	Vt	Ms	RI	Ct
303 Eurhynchium							
strigosum (Hoffm) Bry Eur		–	–		–	–	–
diversifolium BS						–	–
Boscii (Schwaegr) Jaeg					+	–	–
piliferum (Schreb) BS	–				–		–
praelongum (L) BS						–	
graminicolor (Brid) Paris		–		+	–	–	–
(Hyp. Sullivantii Spr)							
hians (Hedw) R+C					–	–	–
myosuroides (L) Schpr	–		–				
(Isothecium – Brid)							
305 Rhynchostegium							
deplanatum S+J		–				–	–
serrulatum (L)		–			–	–	–
rusciforme BS		–		+	+	–	–
confertum			–		–	–	
(Hyp. – Dicks)							
rusciforme var squarrosum				+			
" " Kindbergii			+	+			
" " inundatum				+			

	NE	MeNH	VtMs	RICt
307 *Rhapidostegium*				
demissum BS			+	—
recurvans L+J		— +	+	— —
cylindrocarpum L+J		—		
Jamesii L+J		— +		
laxepatulum L+J				
314 *Plagiothecium*				
micans (Sw) Par		—		
v. *fulvum* (Hk) Par			—	
turfaceum Lindb		— —	—	—
(*Leg. ne Hook*) Schpr	—	— —	—	
laetum BS (*P. denticulatum* v-)			—	—
denticulatum (L) BS		— —	+	— —
latebricola (Wils) B+J			+	
Muellerianum Schpr		+	+	
Sullivantiae Schpr	—			
roseanum BS		—		
sylvaticum BS	—	—	—	—
Muehlenbeckii BS	—			
(*Hypp. striatellum* C M)				
silesiacum (Beaur)				

	ME	Me	NH	Vt	Ms	RI	Ct
319 Amblystegium							
minutiusculum (S+L) + Saurb							
Sprucei (Br) ES					—		
confervoides (Brid) BS	—		—	+			
subtile (Hedw) BS	—		+	+	—	—	
adnatum (Hedw) Aust	—				+	—	—
serpens (Hedw) BS		—			—	—	—
compactum (CM) Aust							
varium (Hedw) Lindb (Asradicale B.S)					+	—	—
irriguum (Wils) BS	—				+		
fluviatile (Sw) BS (Orthocladon P. B)		—	—		—	—	—
Lescurii (Sull) Aust		—	+		—		
riparium (Hedw) BS		—			—	—	—
v. flaccidum (L+J) R+C		—					
v. fluitans (L+J) R+C							
v. longifolium (Sch) Lind					+		
vacillans (Sull) Cheney	—		—				
orthocladon (P.B) Jaeg. = a. fluviatile							

	HE	Me	NH	Vt	Ms	RI	Ct
322. 1 Hypnum (Campylium)							
hispidulum Brid		–	–		–	–	–
chrysophyllum Brid		–	–	+			–
v. vaspectre Aust		–					
v. caespitosum Aust		–					
stellatum Schreb				+	–	–	
polygamum Schpr		–			–	–	
Sommerfeldti Myr (H. polymorphum Wils)			–			–	
322. 2 Hypnum (Harpidium)							
aduncum Hedw		–			–	–	–
v. intermedium Schpr							
v Kneiffii Schpr							
v. lacum Nilde							
v. polycarpum (Bland) BS							
hamifolium Schpr (H. aduncum v. hamatum)	–				+		
uncinatum Hedw		–	+	+	–		
v. abbreviatum BS							
v. palmosum Schpr							
v. plumulosum BS							
v. gracilescens BS		–					
v. fragile L+J (H. jamesii Aust)							
Sendtneri v. Wilsoni							
" v. hamatum				+			

	NE	Me	NH	VtMs	RICt
322.2 Hypnum (Harpidium)					
fluitans L.		-	—	+	—
subsimile Schper					
v. falcatum BS					
v. Jamesii L + J					
322.3 Hypnum (Calomnium)					
filicinum L					—
v. trichodes Brid					
v. gracilescens (Bland) Brid					
v. elatum Schper					
commutatum Hedw				+	
v. falcatum Mull				+	
322.4 Hypnum (Rhytidium)					
rugosum Ehrh — L			—	+	—

	NE	Me	NH	Vt	Ms	RI	Ct
322(10) Hypnum (Ctenium)							
Crista-castrense L		+	+	+	+	–	–
322(10) Hypnum (Ctenidium)							
molluscum Hedw					–	–	–
v. condensatum Schpr							
v. erectum Schpr							
v. gracile Boul							
v. squarrosulum Boul + Husn							
322.10~ Hypnum (proper)							
pallescens (Hedw) P.B. (H. reptile Rich)		–			+	–	–
v. protuberans (Brid) Par.						–	–
fertile Sendt		–	+	+			
hamulosum B S			–				
depressulum C M	–		–				
reptile Rich			+		+		
imponens Hedw		–	+		+	–	

322.10[a] Hypnum (proper)

	NE	Me	NH	Vt	Ms	RI	Ct
cupressiforme L		+	+		+	−	−
v. tectorum (Brid) B.S.							
v. brevisetum Schpr							
v. uncinatulum BS							
v. filiforme (Brid) BS		−			+	−	
v. mamillatum (Brid) BS							
v. ericetorum BS		−					
v. elatum BS							
v. longirostre BS							
v. resupinatum (Wils) Schpr		−			−		
v. vulgare (= ? sp)						−	
v. compressum						−	
cuvifolium Hedw		−		+	−	−	−
pratense Koch	−	−			−		
Haldanianum Grev.		−	−	+	+	−	+

322.11 Hypnum (Limnobium)	NE	Me	NH	Vt	Ms	RI	Ct
palustre L		+	−	−	+		
v. hamulosum Schpr	−		−				
molle Dicks (H. dilatatum Wils)	−	−	−				
alpestre Swz			−				
molle var dilatatum			+				
montanum Wils	−	+	−				
eugyrium Schpr	−	−	−		−		
v. Mackayi Schpr	−						
ochraceum Turn	−	−	−		−		

322.12 Hypnum (Calliergon)							
cordifolium Hedw		−	+	−	+	−	−
giganteum Schpr N.B. N.Y.							
sarmentosum Wahl	−		+				
cuspidatum L					−	−	−
Schreberi Willd		+	+	+	+	−	−
stramineum Dicks	−	−	+		−	−	
Richardsoni (Mitt.) Lrgf.				+			

	NE	Me	NH	Vt	Ms	RI	Ct
322 (?) Hypnum							
scorpioides L			−	+			
323.1 Hylocomium (Pleurozium)							
splendens (Hedw) BS		+	−	+	+	−	−
umbratum (Ehrh) BS			−	+	−		
Oakesii (Sull) Schpr	−		−	+			
brevirostrum (Ehrh) BS		−	+	+	−	−	−
323.3 Hylocomium (proper)							
squarrosum (L) BS		−	−		+		
triquetrum (L) BS		−	+	+	+	−	−
rugosum (Ehrh) De Not				+			
~~brevirostre (Ehrh) Sch~~							

NE Me NH Vt Ms RI Ct